

1 GCATCGATGGGGCATCCCTTCTGAAGATCTTCGGGCCACTGTCGCCAGTGCCATGCAG 60
 -----+-----+-----+
 CGTTAGCTACCCCGTAGGAAAGACTTCTGAAGCCCGGTGACAGCAGGTACCGGTACGTC
 a A I D G A S F L K I F G P L S S S A M Q -
 61 TTGTCACAGTGGGGTACTTCTTCATCGCAGCCGGCGTTGTGCTCTTTGCTCTTGGTTTC 120
 -----+-----+-----+
 AAACAGTTGCACCCGATGAAGGAGTAGCGTTCGGCCGCAACACCAGAAACGAGAACCAAG
 a F V N V G Y F L I A A G V V V F A L G F -
 121 CTGGGCTGCTATGCTGCTAAGACTGAGAGCAAGTGTGCCCTCGTGACGTTCTTCTTCATC 180
 -----+-----+-----+
 GACCCGACGATACCACGATTCTGACTCTCGTTACACCGGAGCCTGCAAGAAGAAGTAG
 a L G C Y G A K T E S K C A L V T F F F I -
 181 CTGCTCCTCATCTTTCATTGCTGAGSTTGACGTGCTGTGCTCGCCTTGGTGTACACCATA 240
 -----+-----+-----+
 GAGGAGGAGTAGAAGTAACGACTCCAACSTCGACGACACCCAGCGGAACACATGTGGTAT
 a L L L I F I A E V A A A V V A L V Y T I -
 241 ATGGCTGAGCACTTCCCGACGTTGCTGGTAGTGCCTGCCATCAAGAAGATTATGGTT 297
 -----+-----+-----+
 TACCGACTCGTGAAGGGCTGCAACGACCATCACGGACGGTAGTTCTTCTAATACCAA
 a M A E H F P T L L V V P A I X K I M V -

Fig. 1

1 AGCCAGCGAA CGGACGAGGG TGACATAGA GTGTGCTGTC ATGCTTGTGA
51 GAGAGAAAAC ACTTTCGAGT GCCAGAACCC AAGGAGGTGC AAATGGACAG
101 AGCCATACTG CGTTATAGCG GCCGTGAAAA TATTTCCACG TTTTTCATG
151 GTTGGGAACA GGTGCTCCGC TGGTTGTGCA CCGATGAGA GACCCAGGCC
201 AGAGGAGAAG CGSTTTCTCC TGGAAGAGCC CATGCCCTTC TTTTACCTCA
251 AGTGTGTGTA A

Fig. 2